

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 3532-4000		SERIAL NO. 09/184,418	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Hahn, et al.		FILING DATE November 2, 1998	
				GROUP ART UNIT 1641			
PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
per pabm per ms	22	A	5,677,147	10/14/97	HIV-2 Virus Variants	KABSTEN, et al	7/22/96
		B	5,688,637	11/18/97	Nucleotide Sequences	Morcanry et al	12/2/93
		C	5,702,918	12/30/97	HIV-2 Envelope Polypeptides	Bannworth et al	5/5/95
		D	5,721,095	2/24/98	HIV-1/HIV-2 Viral Detection Kit...	Chan, et al	2/24/98
		E	5,726,017	3/10/98	High-Affinity HIV-1 gag nucleic acid ligands	lookin, et al	5/19/95
		F	5,756,674	5/26/98	Peptides that induce antibodies...	Katigopri et al	6/7/95
		G	5,759,770	6/2/98	Retrovirus from the HIV group...	Guenther et al	6/6/95
		H	5,770,427	6/23/98	Retrovirus from the HIV group...	Guenther et al	6/6/95
		I	5,770,703	6/23/98	Nucleic acids Encoding Peptides...	Alizon et al	6/6/95
		J	5,786,177	7/28/98	Nucleotide Sequences Derived from the genome...	Morcanry et al	7/16/97
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO
	22	K	WO 98/34640	8/13/98	PCT		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
	22	L	F. Gao et al., "A comprehensive panel of near-full-length clones and reference sequences for non-subtype B isolates of human immunodeficiency virus type 1" J. Virol., 72:5680-5698 (1998)				
		M	F. Gao et al. "Non-recombinant, near-full length reference clones for HIV-1 subtypes A, C, and D" abstract no. 164, 4th Conf. Retrovir. and Opportun. Infect. (Jan 22-26, 1997)				
		N	F. Gao et al., "Non-recombinant, near-full length reference clones for HIV-1 subtypes A through H" poster no. 83, Conf. Adv. AIDS Vaccine Dev. (May 4-, 1997)				
		O	Robertson DL; Gao F; Barre-Sinoussi F; Girad M; Srinivasan A; Abimiku AG; Shaw GM; Sharp PM; Hahn BH; "Non-recombinant reference clones and sequences for human immunodeficiency virus type 1 subtypes A, C, D, F, and H"; abstract no. 552, 5th Conf. Retrovir. Oppor. Infect. (Feb 1-5, 1998)				
		P	NIH AIDS Research and Reference Reagent Program Courier, 98-01, pp. 1 and 10-14 (October 1998)				
EXAMINER Robert J. Z...				DATE CONSIDERED 8/16/98			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							